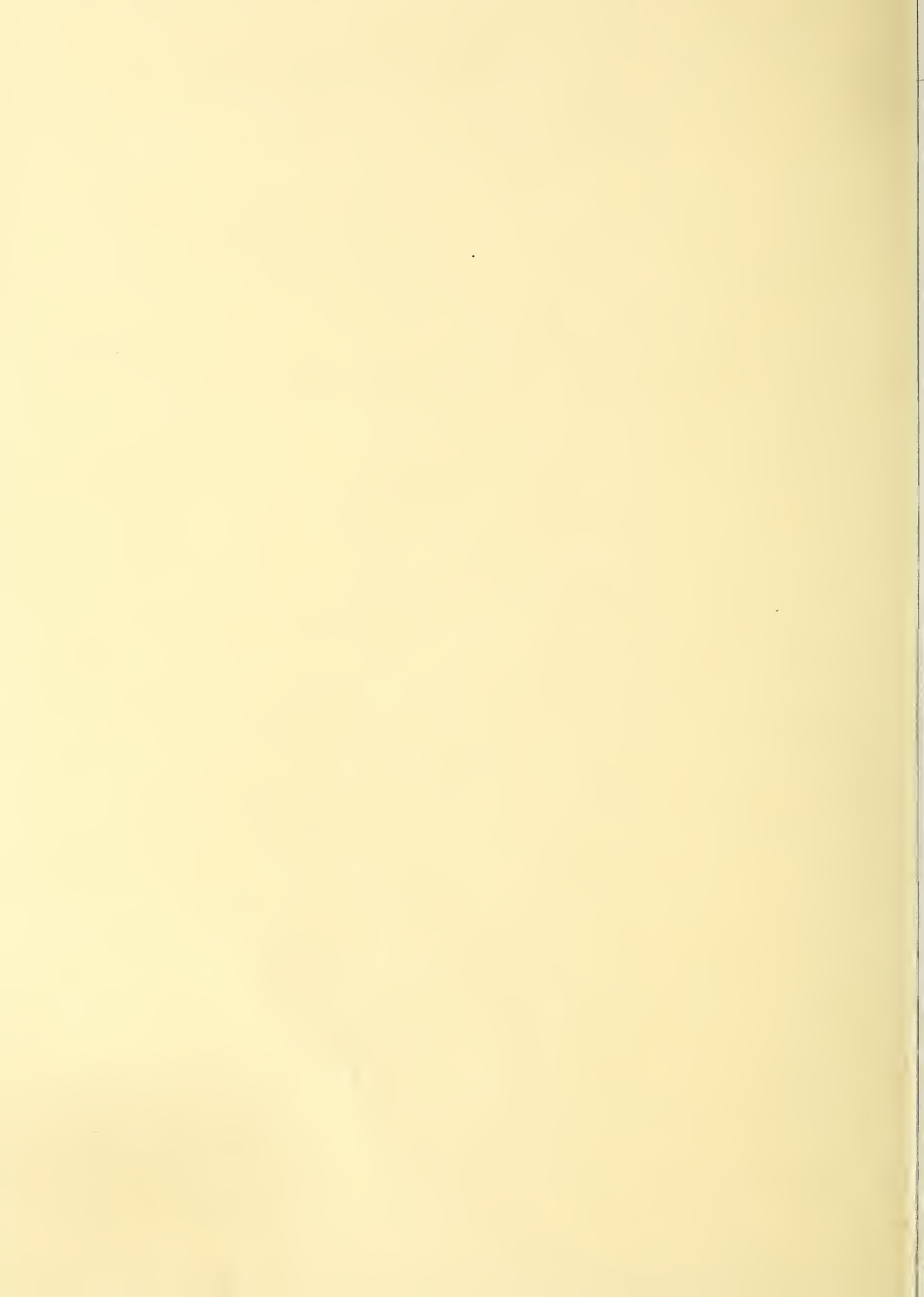


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BIBLIOGRAPHY ON EXOTIC ANIMAL DISEASES

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EXPLANATORY NOTE

1. ENTRIES ARE ARRANGED IN ALPHABETICAL ORDER BY DISEASE.
2. DISEASES ARE INDICATED AT THE BEGINNING OF EACH GROUP.
3. MULTIPLE SUBJECT AREA, TWO OR MORE DISEASES COVERED IN ARTICLE.
4. UNDER DISEASE, ENTRIES ARE ARRANGED IN ALPHABETICAL ORDER BY AUTHOR'S NAME.
5. ON THE RIGHT MARGIN:
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 - CIRC. FILE-Publication is in Circulating Files in library.

MULTIPLE SUBJECT AREA

BREESE, S.S., Jr., and DARDIRI, A.H.

Electron microscopic characterization of a
bovine herpes virus from Minnesota.

J. Gen. Virol. 15(1):69-72, 1972. Bov. Mamm.; Lumpy skin.

PIL/A &
#

BURROWS, R.

Early stages of virus infection: studies
in vivo and in vitro.

FMD; Fowl plague; VEE; Rinderpest; VSV; ASF.

In: Soc. Gen. Microbiol. Symp. 22nd, 1972,
entitled Microb. Pathog. in Man and Anim.,
p. 303-332.

#8695

CHERRY, J.D., and TAYLOR-ROBINSON, D.

Mycoplasma pathogenicity studies in chicken
tracheal organ cultures.

CBPP; Caprine pleuropneumonia.

J. Pediatr. 78(6):1064-1065, 1971.

Biores. Index 8(3):395(17050), 1972.

PIL

DOHERTY, P.C., REINLE, T.C., and SMITH, W.

The effect of concurrent scrapie on louping-ill
encephalitis in the mouse.

Scrapie; Louping ill.

Res. Vet. Sci. 13(2):146-149, 1972.

PIL

DONKER-VOET, J., and COMSTEE, S.C.

Mycoplasma's in hongerbesperra en hun gevoelig-
heid in vitro voor enkele antibiotica en
chemotherapeutica. (Mycoplasma in sperm of
stallion and their sensitivity in vitro for
some antibiotics and chemotherapeutics.)
English summary.

CBPP; Cont. agalactia, Caprine pleuropneumonia.

Tijdschr. Diergeneeskd. 97(7):412-417, 1972.

PIL

MULTIPLE SUBJECT AREA

FURNESS, G., and DE MAGGIO, M.

Binucleate classical mycoplasmas pathogenic
for goats.

Caprine pleuropneumonia; CBPP.

Infect. Immun. 5(4):433-441, 1972.

PIL

HARAU, J.M.

Slow virus infections in human and animal pathology.

Scrapie; Visna.

Ann. Med. Intern. Fenn. 120:711-716, 1969

(Fr., engl.).

Index Vet. 39(3):227, 1971, publ. 1972.

PIL

HUDSON, J.R.

Contagious bovine pleuropneumonia.

Rome, FAO, vii, 120 p., illus. (FAO Agricultural
Studies, No. 86), 1971.

CBPP; Caprine pleuropneumonia.

SF 964 H83

HYSLOP, N. St. G.

Observations on pathogenic organisms in the
airborne state.

CBPP; VEE; FMD; RVF; Wesselsbron;

Rinderpest; Ephemeral fever.

Trop. Anim. Health Prod. 4(1):28-40, 1972.

PIL

*	*	*	*	*	*	*	*	*	*	*	*	*
*	INTERNATIONAL VIROLOGY 2; International Congress for Virology,											*
*	2nd, Proceedings, Budapest, 1971, ed. by J. L. Melnick.											*
*	New York, Karger, xii, 343 p., illus., 1972.											QR 360 I3 *

BROWN, F., and HARRISON, B.D.*

Bridging groups of viruses: virus affinity and
host diversity.

ASF; FMD; AHS; VES; VSV; Ephemeral fever.

*Co-chairmen, Session 26, p. 257-264.

DESMYTER, J., and LEVY, H.B.*

Interferon.

VSV; FMD.

*Co-chairmen, Session 31, p. 300-309.

GISPEN, R., and MIRCHAMSY, H.*

Poxvirus: natural history and prevention.

Goat pox; Sheep pox; Cont. ecthyma.

*Co-chairmen, Session 11, p. 106-112.

HUNTER, G.D., KOPROWSKI, H., and KIMBERLIN, R.H.*

Slow viruses.

Scrapie; Visna; Borna.

*Co-chairmen, and Rapporteur, Session 21, p. 199-212.

*	SUBAK-SHARPE, J., and COOPER, P.D.*											*
*	The genetics of animal viruses.											*
*	VSV; Fowl plague; FMD.											*
*	*Co-chairmen, Session 29, p. 283-290.											---

MULTIPLE SUBJECT AREA

KRAMER, P.

Morphologische Abgrenzung einiger Stämme von
Mycoplasma gallisepticum gegen andere
Mycoplasma-Arten auf festem Nährmedium.
 (Morphological differentiation of some strains
 of Mycoplasma gallisepticum against different
mycoplasma species on solid medium.)
 English abstract.

CBPP; Cont. agalactia.

Zentralbl. Bakteriол., Parasitenkd., Infektionskr.

Hyg. Erste Abt. Orig. Reihe A Med. Mikrobiol.

Parasitol. 219(3):370-377, 1972.

PIL

PRINGLE, C.R.

Some features of the genetics of mammalian

RNA viruses.

FMD; VSV.

Heredity 27(2):309-310, 1971.

Biores. Index 8(3):470(20330), 1972.

PIL

SHARMA, S.N., and DHANDA, M.R.

Studies on sheep pox and goat pox virus
 haemagglutination.

Sheep pox; Goat pox.

Indian J. Anim. Health 10(1):43-46, 1971.

Index Vet. 39(3):301, 1971, publ. 1972.

PIL

SMITH, L.P.

Weather and animal diseases.

Geneva, Secretariat of WMO, vii, 49 p., illus.

(World Meteorological Organization, Technical

Note No. 113), 1970.

FMD; RVF.

SF 781 S6

TAKAYAMA, N.

Further characterization of an attenuated
 western equine encephalitis virus:
 search for in vitro markers.

VSV; FMD.

Arch. Gesamte Virisforsch. 36(3-4):363-371, 1972.

PIL

U.S.D.A. ANIMAL AND PLANT HEALTH INSPECTION SERVICE.

VETERINARY SERVICES. EMERGENCY PROGRAMS.

Nicaragua and Costa Rica sign agreement.

FMD; Rinderpest.

Foreign Anim. Dis. Rep.: 12, May 1972.

CIRC.FILE

U.S.D.A. ANIMAL AND PLANT HEALTH INSPECTION SERVICE.

VETERINARY SERVICES. EMERGENCY PROGRAMS.

Vesicular disease investigations. Suspected
 vesicular cases investigated United States -
 calendar year 1971.

VSV; FMD (-all negative).

Foreign Anim. Dis. Rep.: 10, May 1972.

CIRC.FILE

MULTIPLE SUBJECT AREA

ZAVADA, J., and ROSENBERGOVA, M.

Phenotypic mixing of vesicular stomatitis virus
with fowl plague virus.

VSV; Fowl plague.

Acta Virol. 16(2):103-114, 1972.

PIL

AFRICAN HORSE SICKNESS

LECATSAS, G., and ERASMUS, B.J.

Electron microscopic study of the formation of
African horsesickness virus.

Agric. Res., Pretoria p. 45, 1969, publ. 1971.

Index Vet. 39(3):252, 1971, publ. 1972.

PIL

SCHLESINGER, R-W , and OSTERRIETH, P.M.*

Arboviruses. I. Molecular biology.

In: Int. Virol. 2, Int. Congr. Virol., 2nd, Proc.,

Budapest, 1971, p. 158-169, ed. by J.L.

Melnick. New York, Karger, xii, 343 p.,

illus., 1972. *Co-chairmen, Session 16.

QR 360 I3

TESSLER, J.

Detection of African horsesickness viral antigens
in tissues by immunofluorescence.

Can. J. Comp. Med. 36(2):167-169, 1972.

PIL/A &
#

AFRICAN SWINE FEVER

BOGL, P.H., ORDAS, A., and SANCHEZ BOTIJA, C.

Fluorescent antibody test for African swine fever.

Rev. Patronato Biol. Anim. 14:115-132, 1970

(Fr., span.).

Index Vet. 39(3):187, 1971, publ. 1972.

PIL

COTTIEREAU, Ph.

La peste porcine classique. Diagnostic.

Bull. Off. Int. Epizoot. 75(9-10):573-600, 1971.

PIL

HAYNES, N.B.

African swine fever.

["...restrictions on pork and pork products..."]

Vet. Top. (Cornell Univ.) p. 2, Vet. Ltr. 4-72-84

CIRC.FILE

MARGULN, N.A.

Contribution a l'etude de l'epizootiologie des
pestes porcines en France. (Epidemiology of
classical swine fever and African swine
fever in France.)

Thesis, Ec. Natl. Vet., Lyon, 45 p., 1970 (Fr.).

Index Vet. 39(3):262, 1971, publ. 1972.

PIL

SANCHEZ BOTIJA, C.

Veterinary application of the fluorescent antibody
technique, particularly in African swine fever.

Rev. Patronato Biol. Anim. 14:181-197, 1970.

Index Vet. 39(3):295, 1971, publ. 1972.

PIL

AFRICAN SWINE FEVER

SANCHEZ BOTIJA, C., and ORDAS, A.

Routine differential diagnosis of African swine fever and classical swine fever by the fluorescent antibody and haemadsorption tests. Rev. Patronato Biol. Anim. 14:139-158, 1970. Index Vet. 39(3):295, 1971, publ. 1972.

PIL

SANCHEZ BOTIJA, C., ORDAS, A., and GARCIA GONZALEZ, J.

African swine fever. I. Complement-fixing antibodies in outbreaks accompanied by low mortality. Rev. Patronato Biol. Anim. 14:133-138, 1970 (Span., engl.). Index Vet. 39(3):295, 1971, publ. 1972.

PIL

SANCHEZ BOTIJA, C., ORDAS, A., and GARCIA GONZALEZ, J.

African swine fever. II. Indirect fluorescent antibody technique. Rev. Patronato Biol. Anim. 14:159-180, 1970 (Span., engl.). Index Vet. 39(3):295, 1971, publ. 1972.

PIL

BLUETONGUE DISEASE IN CATTLE (IBARAKI VIRUS)

JENSEN, R.

Diseases of feedlot cattle, by R. Jensen, and D.R. Mackey. 2nd ed. Philadelphia, Pa., Lea and Febiger, viii, 377 p., illus., 1971. Biol. Abstr. 53(6):3463(34924), 1972.

PIL

OSBURN, B.I., and SILVERSTEIN, A.M.

Animal model for human disease: hydranencephaly, porencephaly, cerebral cysts, retinal dysplasia, CNS malformations. Am. J. Pathol. 67(1):211-214, 1972.

PIL

THOMAS, F.C., and TRAINER, D.O.

Bluetongue virus: some relationships among North American isolates and comparisons with the virus of epizootic hemorrhagic disease of deer. J. Am. Vet. Med. Assoc. 156(9):1247-1248(135), 1970.

PIL

WANG, C.S., LUEKER, D.C., and CHOW, T.L.

Soluble antigen of blue-tongue virus. Infect. Immun. 5(4):467-473, 1972.

PIL

BORNA DISEASE

USKAVITCH, R., comp.

Borna disease; a bibliography, 1926-1971. Greenport, L.I., N.Y., U.S. Dep. Agric., Agric. Res. Serv., Vet. Sci. Res. Div., Plum Island Anim. Dis. Lab., 25 p., 1972.

#8675

BOVINE MAMMILLITIS

- SCHIEHMANN, B., GWAMAKA, B., and KALUNDA, M.
Pathogenicity for a buffalo (Syncerus caffer)
of Allerton-type herpes virus isolated
from a Tanzanian buffalo.
J. Wildl. Dis. 8(2):141-145, 1972.

PIL

CONTAGIOUS AGALACTIA OF SHEEP AND GOATS

- KYRIAKIS, S.K.
Tylosin in the treatment of contagious agalactia
of sheep and goats.
Hell. Kteniatr. (Thessaloniki) 14:27-33,
1971 (Gr., engl.).
Index Vet. 39(3):250, 1971, publ. 1972.

PIL

CONTAGIOUS BOVINE PLEUROPNEUMONIA

- HJERPE, C.A., and KNIGHT, H.D.
Polyarthrititis and synovitis associated with
Mycoplasma bovimastitidis in feedlot cattle.
J. Am. Vet. Med. Assoc. 160(10):1414-1418, 1972.

PIL

- HOLLINGDALE, M.R., and LEMCKE, R.M.
Membrane antigens of Mycoplasma hominis.
J. Hyg. (Camb.) 70(1):85-98, 1972.

PIL

- HOLLINGDALE, M.R., and MANCHEE, R.J.
The role of mycoplasma membrane proteins in the
adsorption of animal cells to Mycoplasma
hominis colonies.
J. Gen. Microbiol. 70(2):391-393, 1972.

PIL

- HUDDART, J.E.
Addendum: field control of CBPP under East
African conditions.
In: Contagious Bovine Pleuropneumonia, p. 69-81,
by J.R. Hudson (FAO Agric. Studies, No. 86).
Rome, FAO, vii, 120 p., illus., 1971.

SF 964 H83

- MASIGA, W.N., and READ, W.C.S.
Comparative susceptibility of Bos indicus and
Bos taurus to contagious bovine pleuropneumonia,
and the efficacy of the T₁ broth culture vaccine.
Vet. Rec. 90(18):499-502, 1972.

PIL

- STIPKOVITS, L., and others.*
Sertesböl es szarvasmarhaból izolált Mycoplasma-
törzsek antibiotikum-erzékenysége.
(Antibiotic sensitivity of Mycoplasma strains
isolated from cattle and swine.)
Magy. Allatorv. Lapja 26(9):516-519, 1971
(Hung., Engl.).
Vet. Bull. 42(4):199(1778), 1972.
*S. Dietrich, L. Molnar, and P. Somos.

PIL

CONTAGIOUS BOVINE PLEUROPNEUMONIA

USKAVITCH, R., comp.

Contagious bovine pleuropneumonia and Mycoplasma mycoides var. mycoides; a bibliography,
Supplement No. 2, May 1971 - April 1972.
Greenport, L.I., N.Y., U.S. Dep. Agric.,
Agric. Res. Serv., Vet. Sci. Res. Div.,
Plum Island Anim. Dis. Lab., 15 p., 1972.

#8053

CONTAGIOUS ECTHYMA OF SHEEP

KADYROV, U.G.

Laboratory diagnosis of contagious pustular
dermatitis of sheep.
Veterinariya (Mosc.) (5):114-115, 1971 (Russ.).
Index Vet. 39(3):240, 1971, publ. 1972.

PIL

MERMERSKI, K., and GANOVSKI, D.

Malignant form of contagious ecthyma in sheep
and goats.
Vet. Sb., Sofia 68(4):14-15, 1971 (Bulg.).
Index Vet. 39(3):265, 1971, publ. 1972.

PIL

RAJAUT, M.

Contribution a l'etude des zoonoses vaccino-
variologiques. (Poxvirus zoonoses: ocular
localization of orf in a human being.)
Thesis, Ec. Natl. Vet., Lyon, 73 p., 1970 (Fr.).
Index Vet. 39(3):287, 1971, publ. 1972.

PIL

DUCK PLAGUE

MANDELLI, G., and others.*

Reperti istologici ed ultramicroscopici di una
malattia virale delle giovani oche.
(Histological and ultramicroscopic findings
in a viral disease of goslings.)
Duck plague (?).
Folia Vet. Lat. 1(1):121-170, 1971 (Engl., Ital.).
Vet. Bull. 42(4):209(1871), 1972.
*A. Valeri, A. Rinaldi, and E. Lodetti.

PIL

EAST COAST FEVER

KIMBER, C.D., and BURRIDGE, M.J.

The indirect fluorescent antibody test for
experimental East Coast fever (Theileria parva
infection of cattle). Evaluation of dried
blood samples as a source of antibody.
Res. Vet. Sci. 13(2):133-135, 1972.

PIL

EPHEMERAL FEVER

BASSON, P.A., PIENAAR, J.G., and WESTHUIZEN, B. van der
Pathology of ephemeral fever in cattle.
Agric. Res., Pretoria p. 37, 1969, publ. 1971.
Index Vet. 39(3):182, 1971, publ. 1972.

PIL

ALONSO FERNANDEZ, A., and others.*

Comparacion inmunologica y serologica de dos subtipos del virus aftoso tipo C Waldmann. (Immunological and serological comparison of two subtypes of foot-and-mouth disease virus type C Waldmann.) English summary.

Bol. Cent. Panam. Fiebre Aftosa No. 4:9-20, 1971.

*K.E. Federer, I. Gomes, and A. Vieira.

PIL

ANON.

Fundacion Argentina de erradicacion de la fiebre aftosa.

Gac. Vet. (B. Aires) 34(261):121-122, 1972.

PIL

ANON.

Instructions for methyl bromide disinfection of wool contaminated with brucella or foot and mouth disease virus.

Tr. Vses. Nauchno-issled. Inst. Vet. Sanit. 36:324-340, 1970 (Russ.).

Vet. Bull. 41(9):Abstr. 5084, 1971.

Bol. Cent. Panam. Fiebre Aftosa No. 4:21-22, 1971.

PIL

PIL

BACHRACH, H.L., and MUSSGAY, M.*

Foot-and-mouth disease virus.

In: Int. Virol. 2, Int. Congr. Virol., 2nd, Proc., Budapest, 1971, p. 144-157, ed. by J.L.

Melnick. New York, Karger, xii, 343 p.,

illus., 1972. *Co-chairmen, Session 15.

QR 360 I3

BARLOW, D.F.

The aerosol stability of a strain of foot-and-mouth disease virus and the effects on stability of precipitation with ammonium sulphate, methanol or polyethylene glycol.

J. Gen. Virol. 15(1):17-24, 1972.

PIL

BAZADZE, Ts.V.

Nekotorykh shtamov virusa yashchura. (Antigenic properties of certain strains of foot and mouth disease virus.)

Veterinariya (Mosc.) (9):34-35, 1971 (Russ.).

Foot and Mouth Dis. Bull. (Wellcome Res. Labs., Kent) 11(5):76(72/84), 1972.

SF 793 W4

BOROVIK, R.V.

Dinamika obrazovaniya makroglobulinovykh i gamma-globulinovykh antitel u belykh kryss posle immunizatsii yashchurnymi antigenami. (The dynamics of the formation of macroglobulin and gamma-globulin antibodies in white rats following immunization with antigens of foot and mouth disease.)

Uch. Zap. Kazan. Vet. Inst. 104:53-55, 1969, publ. 1970. From Ref. Zh. Biol. No. 4B149, 1971.

Biol. Abstr. 53(8):4263(3108), 1972.

PIL

FOOT-AND-MOUTH DISEASE

BOROVIK, R.V.

Kolichestvennaya otsenka antigennykh svoistv virusov yashchura i protivoyashchurnykh vaktsin na belykh kryсах. (The quantitative estimation of the antigenic properties of foot and mouth viruses and of anti foot and mouth vaccines in white rats.)

Uch. Zap. Kazan. Vet. Inst. 104:56-58, 1969, publ. 1970. From Ref. Zh. Biol., No. 3B127, 1971.

Biol. Abstr. 53(8):4331(43892), 1972.

PIL

CALLIS, J.J.

Concentracion de antigenos en vacunas inactivadas.

(Antigenic concentration in inactivated vaccines.)

Bol. Cent. Panam. Fiebre Aftosa No. 4:1-8, 1971 (Span., Engl.).

PIL/A

COLAGHIS, S.

National and international hygiene and sanitation problems and veterinary problems in Mediterranean countries.

Zootechnia 20(5-6):367-377, 1971.

Biores. Index 8(4):640(27595), 1972.

PIL

CRAIGHEAD, J.E.

Workshop on viral infection and diabetes mellitus in man.

J. Infect. Dis. 125(5):568-570, 1972.

PIL

DARBYSHIRE, J.H., HEDGER, R.S., and ARROWSMITH, A.E.M.

Comparative complement-fixation studies with subtype strains of foot-and-mouth disease virus.

J. Hyg. (Camb.) 70(1):171-180, 1972.

PIL

DESCHAUX, P.

Etude physiologique des cellules BHK 21 adaptees a la culture en suspension. Action de Myxovirus parainfluenzae I.

Thesis - Lyon, France, 134 p., 1970.

QR 66 D48

DONALDSON, A.I.

The influence of relative humidity on the aerosol stability of different strains of foot-and-mouth disease virus suspended in saliva.

J. Gen. Virol. 15(1):25-33, 1972.

PIL

EPIFANOV, G.F., and KVASHIN, N.P.

Epidemics of foot and mouth disease in Omsk region.

Nauchn. Tr. Omsk. Vet. Inst. 27(2):41-42, 1970 (Russ.).

Index Vet. 39(3):210, 1971, publ. 1972.

PIL

EPIFANOV, G.F., and LOBANOV, K.P.

Eradication of foot and mouth disease (caused by type A: virus in Omsk region in 1966).

Nauchn. Tr. Omsk. Vet. Inst. 27(2):37-39, 1970 (Russ.).

Index Vet. 39(3):210, 1971, publ. 1972.

PIL

FOOT-AND-MOUTH DISEASE

FEDIDA, M., and others.*

Mesure de l'immunité anti-aphteuse post-vaccinale
du porc par épreuve virulente.

English summary.

Recl. Med. Vet. Ec. Alfort 148(3):309-325, 1972.

*M. Coudert, J.-P. Thomas, G. Dannacher, M. Peillon,
and F. Lucam.

PIL

GEILHAUSEN, H., and LINDEN, D. van der

New knowledge on the production of foot and
mouth disease vaccines.

Dtsch. Tierärztebl. 19: 38 & 40, 1971 (Ger.).

Index Vet. 39(3):218, 1971, publ. 1972.

PIL

HERCULES, INC. Wilmington, Delaware.

Process for suppressing foot and mouth disease virus.

U.S. Patent No. 3, 624, 218.

Appl. date: 10/7/70. Publ. date: 30/11/71.

Foot and Mouth Dis. Bull. (Wellcome Res. Labs.,
Kent) 11(5):74-75(72/82), 1972.

SF 793 W4

KHAZIPOV, N.Z.

Effect of aurantin (actinomycin D) on the replication
of foot and mouth disease virus.

Uch. Zap. Kazan. Vet. Inst. 105:71-76, 1969 (Russ.).

Chem. Abstr. 76(19):95(108619s), 1972.

PIL

LABORATOIRE ROGER BELLON. Belgium.

Process for virus culture and vaccine production
based on IB-RS-2 cells.

Belgian Patent No. 766, 442.

Patented: 15/6/71, Priority date: 11/5/70 (France).

Foot and Mouth Dis. Bull. (Wellcome Res. Labs.,
Kent) 11(5):82-83(72/91), 1972.

SF 793 W4

LAZARUS, L.H., and others.*

Spermidine stimulation of foot-and-mouth disease
virus RNA-dependent RNA polymerase activity.

Arch. Gesamte Virusforsch. 36(3-4):311-316, 1972.

*M. Popescu, R. Barzilai, and N. Goldblum.

PIL

LOBO A., C.A.

Evite la fiebre aftosa!

Inst. Colomb. Agropecu. (Bogota) - Programa Nac.

Microbiol. - Plegable de Divulg. 48, 6 p., / 1972?]

#6930

LYSENKO, I.P., PANASENKO, A.K., and KONARZHEVSKII, K.E.

Use of convalescent serum in the control of
foot and mouth disease.

Veterinariya (Mosc.) (5):47-49, 1971 (Russ.).

Index Vet. 39(3):257, 1971, publ. 1972.

PIL

FOOT-AND-MOUTH DISEASE

MAKAROVA, G.A.

Possible spread of foot and mouth disease virus
by arthropods (with reference to Blatella
germanica).

Tr. Gos. Nauchno-kontrol'n. Inst. Vet. Prep.
17:120-122, 1971 (Russ.).

Vet. Bull. 42(4):201(1791), 1972.

PIL

MAYO, J., and others.*

Aszitischer Tumor durch BHK-21-Zellen (Klon 13)
bei Hamstern nach Röntgenganzkörperbestrahlung.

[Ascitic tumour produced by BHK-21 cells
(clone 13) in hamsters exposed to whole-body
X-irradiation.]

English summary.

Arch. Exp. Veterinarmed. 25(5):853-862, 1971.

*J.L. Moreira, J.H. Lombardo, C.J. Conti, and
S. Rivenson.

PIL

MEL'NIK, R.I., and others.*

Use of epithelial tissue from tongues of vaccinated
cattle for the propagation of foot and mouth
disease virus by Frenkel's method.

Tr. Gos. Nauchno-kontrol'n. Inst. Vet. Prep.
17:112-119, 1971 (Russ.).

Vet. Bull. 42(4):201(1793), 1972.

*V.A. Sergeev, A.A. Pozdnyakov, L.G. Perel'shtein,
B.I. Trubitsyn, N.P. Anan'eva-Ryashchenko,
T.S. Lavrova, and N.N. Provkina.

PIL

MORROW, A.W.

Concentration of the virus of foot-and-mouth disease
in a tangential flow ultrafiltration unit.

J. Appl. Chem. Biotechnol. 22:501-505, 1972.

#6470

PETR, G., and LAZNICKA, F.

A simple quantitative microtest for determination
of the complement fixing activity of foot-
and-mouth disease virus.

Acta Virol. 16(2):133-140, 1972.

PIL

PILZ, H., and LÜCKE, O.

Tierärztekollektiv aus der Deutschen Demokratischen
Republik in Tansania. Tierische Produktion und
Tierseuchenbekämpfung unter besonderer
Berücksichtigung der Erfahrungen aus der
Tabora-Region. (Livestock farming and control
of animal diseases with particular reference
to field experience in the Tabora Region.)
English summary.

Monatsh. Veterinarmed. 27(5):188-192, 1972.

PIL

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FOOT-AND-MOUTH DISEASE

PODREZOVA, E.A.

Survival of foot and mouth disease virus on pastures and in animal buildings in the climate of Omsk region.
Nauchn. Tr. Omsk. Vet. Inst. 27(2):43-45, 1970 (Russ.).

Index Vet. 39(3):283, 1971, publ. 1972.

PIL

POSPELOV, S.V., and KVASHIN, N.P.

Live, modified virus vaccine against type O foot and mouth disease virus, developed in Moscow and Omsk.
Nauchn. Tr. Omsk. Vet. Inst. 27(2):34-36, 1970 (Russ.).

Index Vet. 39(3):284, 1971, publ. 1972.

PIL &
#6878

PRENDERGAST, N.

Control of veterinary medicines in Ireland.
Bull. Off. Int. Epizoot. 75(9-10):829-839, 1971.

PIL

REGELSON, W.

Water-soluble divinyl ether/maleic anhydride copolymers for suppressing foot-and-mouth disease virus.
U.S. 3,624,218 (Cl. 424/78; A 61k), 30 Nov. 1971, Appl. 06 Mar. 1968-10 Jul. 1970; 4 pp.
Chem. Abstr. 76(20):72(114404j), 1972.

PIL

REVENKOV, A.G.

Yglevodnyi obmen v kletkakh, infitsirovannykh virusom yashchura. (Carbohydrate exchange in cells infected with foot and mouth disease virus.)
Veterinariya (Mosc.) (9):43, 1971 (Russ.).
Foot and Mouth Dis. Bull. (Wellcome Res. Labs., Kent) 11(5):89-90(72/99), 1972.

BF 793 W4

RICHMOND, J.Y., and CAMPBELL, C.H.

Influence of divinyl ether-maleic anhydride (pyran) on foot-and-mouth disease virus infection: effect on adsorption and multiplication in mouse tissues.

Arch. Gesamte Virusforsch. 36(3-4):232-239, 1972.

PIL/A &
#

ROSARIO MANSO, M.

Baby hamster kidney cells for cultivation of foot-and-mouth disease virus, with aims for preparation of antigens for complement fixation.
Rev. Patronato Biol. Anim. 15:99-108, 1971 (Span.).
Index. Vet. 39(3):261, 1971, publ. 1972.
Bibliogr. Agric. 36(1):52(003145), 1972.

PIL
PIL

FOOT-AND-MOUTH DISEASE

SINGH, P.P., and MURTY, D.K.

Studies on an outbreak of foot-and-mouth disease
in a piggery in Uttar Pradesh.

I. Epidemiological studies.

Indian Vet. J. 49(2):124-133, 1972.

PIL

SOBKO, A.I., and PROKHOROV, V.N.

Method of identifying strains of foot-and-mouth
disease virus.

Veterinariya (Mosc.) (5):110-113, 1971 (Russ.).

Bibliogr. Agric. 36(1):53(003198), 1972.

PIL

STELLMANN, C., and BORNAREI, P.

Titration of viruses on cell cultures.

Pharmacology or single particle hypothesis.

Arch. Gesamte Virusforsch. 36(3-4):205-217, 1972.

PIL

SYUSYUKIN, A.A., and OLEINIKOV, O.G.

Interfering properties of, and interferon
formation by foot and mouth disease
virus in vitro.

S-kh. Biol. 6(5):764-768, 1971 (Russ., Engl.).

Vet. Bull. 42(4):201(1794), 1972.

PIL

ULBRICH, F.

Aujeszkyvirus als "pick up" in Kälberhoden-
zellkulturen (Kurzmitteilung). [An
accidental isolation of Aujeszky's disease
virus from calf testicular cell culture.]
English summary.

Arch. Exp. Veterinärmed. 25(6):937-941, 1971.

PIL

U.S.D.A. ANIMAL AND PLANT HEALTH INSPECTION SERVICE.

VETERINARY SERVICES. EMERGENCY PROGRAMS.

Outbreaks recorded of foot-and-mouth disease
(country, date last outbreak and no.
outbreaks in 1971).

Foreign Anim. Dis. Rep.: 11, May 1972.

CIRC.FILE

WITTMANN, G., BAUER, K., and MUSSGAY, M.

Experiments on vaccination of pigs with ethyl-
ethyleneimine (EEI) diethylaminoethyl dextran
(DEAE-D) foot-and-mouth disease vaccines.
Influence of route of inoculation and dose of
antigen on the duration of immunity.

Arch. Gesamte Virusforsch. 36(3-4):251-264, 1972.

PIL

ZOPPOLATO, F.

Danger: foot-and-mouth disease.

Lotta Antiparassit. 23(6):10-11, 1971 (Ital.).

Bibliogr. Agric. 36(1):50(003045), 1972.

PIL

FOWL PLAGUE

BALODE, V., and INDULENA, M.

Obtaining aminoadamantane-resistant,
fowl-plague virus mutants.

Latv. PSR Zinat. Akad. Vestis (11):77-79,
1971 (Russ.).

Chem. Abstr. 76(19):90(108574y), 1972.

PIL

HUANG, R.T.C., and ORLICH, M.

Substrate specificities of the neuraminidases of
Newcastle disease and fowl plague viruses.

Hoppe-Seyler's Z. Physiol. Chem. 353(3):
318-323, 1972 (Engl.).

Chem. Abstr. 76(21):199(123363x), 1972.

PIL

KINGSBURY, D.W., and CHOPPIN, P.W.*

Orthomyxoviruses and paramyxoviruses: molecular
biology.

In: Int. Virol. 2, Int. Congr. Virol., 2nd, Proc.,
Budapest, 1971, p. 121-137, ed. by J.L.

Melnick. New York, Karger, xii, 343 p.,
illus., 1972. *Co-chairmen, Session 13.

QR 360 I3

LONG, W.F.

Effect of metabolic inhibitors on viral and
polynucleotide induction of chick cell
interferon.

Microbios 4(15-16):253-259, 1971.

Chem. Abstr. 76(21):100(122250w), 1972.

PIL

ROTT, R., and others.*

Interactions of Concanavalin A with the membrane
of influenza virus infected cells and with
envelope components of the virus particle.

Z. Naturforsch. Teil b 27b(3):227-233, 1972.

*H. Becht, H.-D. Klenk, and C. Scholtissek.

PIL

SCHILD, G.C.

Evidence for a new type-specific structural
antigen of the influenza virus particle.

J. Gen. Virol. 15(1):99-103, 1972.

PIL

TUMOVA, B., and WEBSTER, R.G.*

Influenza and other respiratory viruses of man
and animals: natural history and prevention.

In: Int. Virol. 2, Int. Congr. Virol., 2nd, Proc.,
Budapest, 1971, p. 113-120, ed. by J.L.

Melnick. New York, Karger, xii, 343 p.,
illus., 1972. *Co-chairmen, Session 12.

QR 360 I3

WEBSTER, R.G., and CAMPBELL, C.H.

The in vivo production of "new" influenza A
viruses. II. In vivo isolation of "new" viruses.

Virology 48(2):528-536, 1972.

PIL

LOUPING ILL

CLIVER, D.O., and BERG, G.*

Food and water virology.

In: Int. Virol. 2, Int. Congr. Virol., 2nd, Proc.,
Budapest, 1971, pp. 320-326, ed. by J.L.
Melnick. New York, Karger, xii, 343 p.,
illus., 1972. *Co-chairmen, Session 34.

QR 360 I3

LUMPY SKIN DISEASE

ASSIS MARTINS, F. de, and others.*

Consideracoes sobre recente surto de dermatite
contagiosa. (Considerations on a recent
outbreak of contagious dermatitis.)

English summary.

Biologico (Sao Paulo) 37(3):49-55, 1971.

Biol. Abstr. 53(6):3464(34929), 1972.

*W. Mengato, T. Morita, and M.A.S.C. Portugal.

PIL

RIFT VALLEY FEVER

LECATSAS, G., and WEISS, K.E.

Electron microscopic studies on BHK 21 cells
infected with Rift Valley fever virus.

Agric. Res., Pretoria p. 44-45, 1969, publ. 1971.

Index Vet. 39(3):252, 1971, publ. 1972.

PIL

RINDERPEST

ABDEL-GHAFFAR, M.M., and others.*

The simultaneous immunization against haemorrhagic
septicaemia and rinderpest.

J. Egypt Vet. Med. Assoc. 28:139-143, 1968.

Index Vet. 39(3):172, 1971, publ. 1972.

*

PIL

BANSAL, R.P., and BHATNAGAR, V.K.

Control of rinderpest in India.

Haryana Vet. 9:45-49, 1970.

Index Vet. 39(3):180, 1971, publ. 1972.

PIL

INDIA.

Rinderpest eradication campaign during 1970-1971.

Bull. Off. Int. Epizoot. 75(9-10):969-972(Fr.);

973-975(Engl.), 1971.

PIL

PETISCA, J.L. Nunes, and LIMPO SERRA, J.J.B.

Morbid anatomy of some diseases of domestic
animals. IV. Rinderpest.

Vet. Mocamb. (Mozambique) 3:55-59, 1970
(Por.e.f.i.).

Index Vet. 39(3):275, 1971, publ. 1972.

PIL

SINGH, G.

Complement fixation test in rinderpest -- some
observations.

Orissa Vet. J. 5:131-138, 1970.

Index Vet. 39(3):303, 1971, publ. 1972.

PIL

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SCRAPIE

ADAMS, D.H., FIELD, E.J., and JOYCE, G.

Periodate— an inhibitor of the scrapie agent?

Res. Vet. Sci. 13(2):195-198, 1972.

PIL

BELL, T.M., FIELD, E.J., and JOYCE, G.

Action of an alcoholic solution of iodine
on the scrapie agent.

Res. Vet. Sci. 13(2):198-199, 1972.

PIL

DANIEL, P.M.

Transmissible degenerative diseases of the
nervous system.

Proc. R. Soc. Med. 64(7):787-794, 1971.

Biores. Index 8(3):571(24641), 1972.

PIL

DICKINSON, A.G.

Variable gene action in the control of incubation
period for different strains of scrapie agent.
Heredity 26:347, 1971.

Index Vet. 39(3):205, 1971, publ. 1972.

PIL

DICKINSON, A.G., and MEIKLE, V.M.H.

Host-genotype and agent effects in scrapie
incubation: change in allelic interaction
with different strains of agent.

Mol. Gen. Genet. 112(1):73-79, 1971.

Biol. Abstr. 53(8):4247(42942), 1972.

PIL

GIORGI, P.P., FIELD, E.J., and JOYCE, G.

Metabolism of polyamines in normal and
scrapie-affected mouse brain and spleen.

J. Neurochem. 19(2):255-264, 1972.

Chem. Abstr. 76(21):331(124906p), 1972.

PIL

HARVEY, N.

Scrapie.

Agriculture (Lond.) 78:349-351, 1971.

Index Vet. 39(3):228, 1971, publ. 1972.

PIL

LAMPERT, P., and others.*

Altered plasma membranes in experimental scrapie.

Acta Neuropathol. 19(2):81-93, 1971 (Engl.).

Vet. Bull. 42(4):205(1833), 1972.

*J. Hooks, C.J. Gibbs, Jr., and D.C. Gajdusek.

PIL

LARSKI, Z.

Infections caused by "slow" viruses.

(Scrapie-?)

Med. Weter. 27:129-132, 1971 (Pol.).

Index Vet. 39(3):251, 1971, publ. 1972.

PIL

PATTISON, I.H., and others.*

Spread of scrapie to sheep and goats by oral dosing
with foetal membranes from scrapie-affected sheep.

Vet. Rec. 90(17):465-468, 1972.

*M.N. Hoare, J.N. Jebbett, and W.A. Watson.

PIL

1

2

3

4

5

6

7

8

9

TESCHEN DISEASE

MUSSGAY, M., and ROJAHN, A.

Le diagnostic de la peste porcine europeenne et
la lutte contre cette maladie dans le
Republique Federale Allemande.

Bull. Off. Int. Epizoot. 75(9-10):601-610, 1971.

PIL

VENEZUELAN EQUINE ENCEPHALOMYELITIS

ANON.

VEE vaccine reported safe and effective;
immediate vaccination urged.

J. Am. Vet. Med. Assoc. 160(10):1381-1382, 1972.

PIL

BROWN, D.G.

Clinical changes in burros and Shetland ponies
after vaccination with Venezuelan equine
encephalomyelitis vaccine, TC-83.

Vet. Med. Small Anim. Clin. 67(5):505-506, 508,
511, 1972.

PIL

DERKACH, Yu.S., URYVAEV, L.V., and ZHDANOV, V.M.

Study of protein components of Venezuelan equine
encephalomyelitis virus by means of
electrophoresis and isoelectric focusing.
Vopr. Virusol.(Probl. Virol.) (2):211-
1972 (Russ.). --English abstract.

Curr. Contents-Life Sci. 15(22):62, 1972.

PIL

GAITSKHOKI, V.S., and others.*

Replication of infectious viral RNA in isolated
mitochondria. Communication I: Penetration of
viral RNA into mitochondria and its effect on
mitochondrial syntheses.

Vopr. Virusol.(Probl. Virol.) 16(3):269-273,
1971 (Russ.). --English abstract.

Excerpta Med.-Virol.-Sect. 47 2(2):79(456), 1972.

*F.I. Ershov, O.I. Kiselev,

PIL

GLEISER, C.A.

Who (?) stopped VEE?

J. Am. Vet. Med. Assoc. 160(9):1164, 1167, 1972.

PIL

HAYNES, N.B.

[V.E.E.]

("The Canadian Government has imposed
special rules on importation of horses...")

Vet. Top. (Cornell Univ.) p. 1, Vet. Ltr. 5-72-85.

CIRC.FILE

HAYNES, N.B.

V.E.E.

("...vaccine safety. ...")

Vet. Top. (Cornell Univ.) p. 1, Vet. Ltr. 4-72-84.

CIRC.FILE

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VENEZUELAN EQUINE ENCEPHALOMYELITIS

HRUSKOVA, J., RYCHTEROVA, V., and KLIMENT, V.

The influence of infection with Venezuelan equine encephalomyelitis virus on antibody response against sheep erythrocytes. I. Experiments on mice.

Acta Virol. 16(2):115-124, 1972.

PIL

HRUSKOVA, J., RYCHTEROVA, V., and KLIMENT, V.

The influence of infection with Venezuelan equine encephalomyelitis virus on antibody response against sheep erythrocytes. II. Experiments on guinea pigs.

Acta Virol. 16(2):125-132, 1972.

PIL

LOBO A., C.A., GALLEG0 M., I., and GOMEZ J., G.

Preliminary experiments on guinea-pigs with experimental vaccines against Venezuelan equine encephalomyelitis.

Vet. Zootec., Manizales (9):12-22, 1970
(Span., engl.).

Index Vet. 39(3):255, 1971, publ. 1972.

PIL

ROEDENBECK, S.D., and YALAN, F.

Encefalitis a virus equino venezolano en el Peru.

A proposito de un caso humano. (Venezuelan equine virus encephalitis in Peru. Report on a human case.)

Rev. Neuro-Psiquiatr. 33(3):204-213, 1970.

Excerpta Med.-Virol.-Sect. 47 1(9):520(2923), 1971.

PIL

U.S. DEPARTMENT OF AGRICULTURE.

VEE no bar to U.S. horses at Olympics.

GOV.PUBL.

News-U.S. Dep. Agric., USDA 1605-72, 2 p., May 11, 1972.

DRWR.

U.S.D.A. ANIMAL AND PLANT HEALTH INSPECTION SERVICE.

VETERINARY SERVICES. EMERGENCY PROGRAMS.

VEE influences Olympic game participation.

Venezuelan equine encephalomyelitis - a review.

VEE activities.

VEE reported in Mexico - State of Zacatecas.

Foreign Anim. Dis. Rep.: 1; 2-4; 5-6; 12, May 1972.

CIRC.FILE

VOLENEC, F.J., SHEFFY, B.E., and BAKER, J.A.

Immunobiologic heterotypic activity associated with viral and soluble components of bovine virus diarrhea virus.

Arch. Gesamte Virusforsch. 36(3-4):275-283, 1972.

PIL

WALTON, T.E., and others.*

Experimental infection of horses with an attenuated Venezuelan equine encephalomyelitis vaccine (strain TC-83).

Infect. Immun. 5(5):750-756, 1972.

*O. Alvarez, Jr., R.M. Buckwalter, and K.M. Johnson.

PIL

VENEZUELAN EQUINE ENCEPHALOMYELITIS

YOUNG, N.A.

Origin of epidemics of Venezuelan equine encephalitis.

J. Infect. Dis. 125(5):565-567, 1972.

PIL

VESICULAR STOMATITIS VIRUS

BLACK, D.R., and others.*

The antiviral activity of certain thiophosphate and 2'-chloro substituted polynucleotide homopolymer duplexes.

Virology 48(2):537-545, 1972.

*F. Eckstein, J.B. Hobbs, H. Sternbach, and T.C. Merigan.

PIL

CLARK, H.F., and KARZON, D.T.

Iguana virus, a herpes-like virus isolated from cultured cells of a lizard, Iguana iguana.

Infect. Immun. 5(4):559-569, 1972.

PIL

DE MAEYER-GUIGNARD, J., DE MAEYER, E., and MONTAGNIER, L.

Interferon messenger RNA: translation in heterologous cells (eukaryotes/mouse/monkey/chick/VERO).

Proc. Natl. Acad. Sci. U.S.A. 69(5):1203-1207, 1972.

PIL

DODGE, W.H., and MOSCOVICI, C.

Effect of poly I:C on transformation by Rous sarcoma virus.

Proc. Soc. Exp. Biol. Med. 139(4):1407-1412, 1972.

PIL

EUSTATIA, J.M.

Vermenigvuldiging van virussen in lymphocyten en macrophagen. (Replication of viruses in lymphocytes and macrophages.)

Thesis, Inst. Med. Microbiol., Univ. Nijmegen, 94 p., 1971.

Excerpta Med.-Virol.-Sect. 47 2(2):69-70(402), 1972.

PIL

FRUITSTONE, M.J. SHANDS, J.W., Jr., and GIFFORD, G.E.

Biological effects of poly rI:rC and endotoxin in mice infected with Mycobacterium BCG: interferon induction and toxicity.

Proc. Soc. Exp. Biol. Med. 139(4):1104-1108, 1972.

PIL

*	*	*	*	*	*	*	*	*	*	*	*	*	*
*	INTERNATIONAL VIROLOGY 2; International Congress for Virology,												*
*	2nd, Proceedings, Budapest, 1971, ed. by J. L. Melnick.												*
*	New York, Karger, xii, 343 p., illus., 1972.												QR 360 I3 *

HORNE, R.W., and DALES, S.*

Structure and function of viral components.

*Co-chairmen, Session 2, p. 10-22.

HULL, R., and SKEHEL, J.*

Structure and composition of enveloped viruses.

*Co-chairmen, Session 27, p. 265-276.

SECRET

11

CONFIDENTIAL - SECURITY INFORMATION

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CONFIDENTIAL - SECURITY INFORMATION

CONFIDENTIAL - SECURITY INFORMATION

VESICULAR STOMATITIS VIRUS

INTERNATIONAL VIROLOGY 2; continued from p. 86:-

TINSLEY, Th.W., and HARRAP, K.A.*

Moving frontiers in invertebrate virology.

*Co-chairmen, Session 24, p. 241-247. ---

* VIGIER, P., and SVET-MOLDAVSKY, G.J.* *

* RNA cancer viruses. *

* *Co-chairmen, Session 6, p. 63-71. --- *

* * JORDAN, G.W. *

Quantitative aspects of interferon-induced plaque
reduction: kinetics of interferon action.

Virology 48(2):425-432, 1972. PIL

KHWAJA, T.A., and HEIDELBERGER, C.

Fluorinated pyrimidines part 32 syntheses of 2, 3
dehydro-5-trifluoromethyl-2-deoxy uridine
and 5-trifluoromethyl uridine.

J. Med. Chem. 12(3):543-545, 1969.

Biores. Index 8(4):770(33245), 1972. PIL

LEE, S.H.S., O'SHAUGHNESSY, M.V., and ROZEE, K.R.

Interferon induced growth depression in diploid
and heteroploid human cells.

Proc. Soc. Exp. Biol. Med. 139(4):1438-1440, 1972. PIL

PITHA, P.M., MARSHALL, L.W., and CARTER, W.A.

Interferon induction: rate of cellular
attachment of poly IC.

J. Gen. Virol. 15(1):89-92, 1972. PIL

POIMESIL, M., and GOLDFEDER, A.

Inhibitory effect of polyinosinic:polycytidylic
acid on the growth of transplantable mouse
mammary carcinoma.

Proc. Soc. Exp. Biol. Med. 139(4):1392-1397, 1972. PIL

ROSSIER, E., and LANDRY-PIGEON, D.

Large-scale production of peripheral human
lymphocytes for viral studies: the influence
of viability and P.H.A. transformation on
the growth of vesicular stomatitis virus.

Can. J. Microbiol. 18(4):465-471, 1972. PIL

SCHAFFER, P.A., and SCHERER, W.F.

Growth of a candidate arbovirus (Tsuruse) in
Aedes aegypti mosquitoes following
intrathoracic inoculation.

Proc. Soc. Exp. Biol. Med. 139(4):1298-1304, 1972. PIL

SCHUMACHER, H.P., ALBRECHT, P., and TAURASO, N.M.

Markers for measles virus. II. Tissue culture
properties.

Arch. Gesamte Virusforsch. 36(3-4):296-310, 1972. PIL

VESICULAR STOMATITIS VIRUS

SINGER, S.H., and FORD, M.

The influence of mycoplasma infection on the induction of the antiviral state by polyinosinic:polycytidylic acid.

Proc. Soc. Exp. Biol. Med. 139(4):1413-1416, 1972.

PIL

SMIRNOVA, T.D., and KAGAN, G.Ya.

Effect of Mycoplasma viral infection of the primary culture of chick embryo cells on interferon production induced by Langat virus. Zh. Mikrobiol., Epidemiol. Immunobiol. 48(12): 54-58, 1971 (Russ.).

Chem. Abstr. 76(17):312(97769n), 1972.

PIL

SMORODINTSEV, A.I.A., and others.*

Prevention of vaccination infection in rabbits using an endogenous interferon.

Vopr. Profil. Privivok Rol Allerg. Vaktsinal'nom

Protssesse Detei, p. 150-154, ed. by V.N.

Bondarev. Leningrad, Nauchno-Issled. Inst.

Det. Infek., 1969 (Russ.).

Chem. Abstr. 76(17):311-312(97766j), 1972.

*O.A. Aksenov, D.A. Gvozdilov, and V.I. Rudenko.

PIL

TODD, J.D., VOLENEC, F.J., and PATON, I.M.

Interferon in nasal secretions and sera of calves after intranasal administration of avirulent infectious bovine rhinotracheitis virus: association of interferon in nasal secretions with early resistance to challenge with virulent virus.

Infect. Immun. 5(5):699-706, 1972.

PIL

WAGNER, R.R., and others.*

Cytoplasmic compartmentalization of the protein and ribonucleic acid species of vesicular stomatitis virus.

J. Virol. 9(4):672-683, 1972.

*M.P. Kiley, R.M. Snyder, and C.A. Schnaitman.

PIL

VISNA DISEASE

MACINTYRE, E.H., WINTERSGILL, C.J., and THORMAR, H.

Morphological transformation of human astrocytes by visna virus with complete virus production.

Nat. New Biol. (Lond.) 237(73):111-113, 1972.

PIL

WESSELSBRON DISEASE

LECATSAS, G., and WEISS, K.E.

Formation of Wesselsbron virus in BHK 21 cells.

Agric. Res., Pretoria p. 44, 1969, publ. 1971.

Index Vet. 39(3):252, 1971, publ. 1972.

PIL

DUNCAN, J.R., and others.*

The serum and secretory immunoglobulins of
cattle: characterization and quantitation.

J. Immunol. 108(4):965-976, 1972.

*B.N. Wilkie, F. Hiestand, and A.J. Winter.

PIL

EGGINGTON, W.R.O., and HOWIE, P.G.

Outbreak of suspected 'hand, foot and mouth
disease' in an army community.

J. R. Army Med. Corps 116(4):202-205, 1970.

Excerpta Med.-Virol.-Sect. 47 1(9):517(2905), 1971.

PIL

FIELD, A.K., and others.*

Antigenicity of double-stranded ribonucleic
acids including poly I:C.

Proc. Soc. Exp. Biol. Med. 139(4):1113-1119, 1972.

*A.A. Tytell, G.P. Lampson, and M.R. Hilleman.

PIL

GAZDAR, A.F., and others.*

Interferon inducers: enhancement of viral
oncogenesis in mice and rats.

Proc. Soc. Exp. Biol. Med. 139(4):1132-1137, 1972.

*A.D. Steinberg, G.J. Spahn, and S. Baron.

PIL

KORN, A.H., FEAIRHELLER, S.H., and FILACHIONE, E.M.

Glutaraldehyde: nature of the reagent.

J. Mol. Biol. 65(3):525-529, 1972.

PIL

RALLETT, P.J.

The concentration of mammalian cells in a
tangential flow filtration unit.

J. Appl. Chem. Biotechnol. 22: 495-499, 1972.

#6469

SORBER, C.A., MALINA, J.F., Jr., and SAGIK, B.P.

Quantitative procedure for evaluating the performance
of water and waste water treatment processes
at naturally occurring virus levels.

Environ. Sci. Technol. 6(5):438-441, 1972.

PIL

THOMAS, D.C., CONANT, R.M., and HAMPARIAN, V.V.

RNA and protein synthesis in rhinovirus infected
HeLa cells.

Proc. Soc. Exp. Biol. Med. 139(4):1441-1444, 1972.

PIL

TOGO, Y., and others.*

Cyclooctylamine in the prevention of experimental
human influenza.

J. Am. Med. Assoc. 220(6):837-841, 1972.

*A.R. Schwartz, S. Tominaga, and R.B. Hornick.

PIL

ZEIGEL, R.F., and CLARK, H.F.

Electron microscopy observations on a new
herpes-type virus isolated from Iguana
iguana and propagated in reptilian cells
in vitro.

Infect. Immun. 5(4):570-582, 1972.

PIL

